

353148080524703 Local number IR-156, NCDENR Langtree Research Station MW-5D near Davidson, NC (Bedrock)

Piedmont and Blue Ridge crystalline-rock aquifers
Intermediate Intrusive Igneous Rock

Iredell County, NC

LOCATION.--Lat 35°31'48", long 80°52'47" referenced to North American Datum of 1983, Iredell County, NC, Hydrologic Unit 03050101, 2.5 mi northwest of Davidson, .3 mi north of Langtree Road at Davidson College Lake Campus. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 400 ft, diameter 6.25 in., cased to 40 ft, open hole from 40 ft to 400 ft.

DATUM.--Land-surface datum is 784.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.37 ft above land-surface datum, May 15, 2001, to present.

PERIOD OF RECORD.--May 2001 to current year. Continuous record December 2001 through September 2002.

GAGE.--Measured periodically with steel and electric tape. (by NCDENR, Division of Water Quality and USGS)

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.89 ft below land-surface datum, June 23, August 7, 2003; lowest water level recorded, 31.95 ft below land-surface datum, December 5, 2001.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Nov 1, 2007	30.23	May 30, 2008	26.61
28	30.23	Jun 30	28.05
Dec 20	30.18	Jul 18	27.40
Jan 29, 2008	29.98	Aug 15	27.85
Mar 28	26.35	Sep 29	27.52
Apr 21	27.93		

Highest: 26.35 Mar 28, 2008

Lowest: 30.23 Nov 01, 2007 Nov 28, 2007

353148080524703 Local number IR-156, NCDENR Langtree Research Station MW-5D near Davidson, NC (Bedrock)—Continued

